

**REMARKS**

By this amendment, claims 1-3, 5-8, 10-13, 15-18, 20-23 and 25-34 are pending, in which claims 4, 9, 14, 19 and 24 are canceled without prejudice or disclaimer, claims 1, 6, 11, 16, 21, 26 and 30 are currently amended, and claims 33 and 34 are newly presented. Care was exercised to avoid the introduction of new matter.

The Office Action mailed May 19, 2005 rejected claims 1-32 under 35 U.S.C. § 102 as anticipated by *Wiedeman et al.* (US Pat. Pub. No. 2002/0031102).

To advance prosecution, Applicants have amended independent claims 1, 6, 11, 16, 21, 26 and 30. Claims 1 and 21 recite receiving "a query, **at a terminal**, from a local host requesting address information" and "wherein the **satellite is remote from the terminal**." Claims 6, 11 and 16, as amended, recite "wherein the **satellite is remote from the terminal**." Claim 26 now recites "receiving a query, **at a satellite terminal**, from a local host requesting address information, **wherein the satellite terminal is configured to communicate with the satellite**." Independent claim 30 is now directed to a "satellite terminal for communicating over a satellite to provide address information."

By contrast, *Wiedeman et al.* discloses (paragraph [0026]; FIG. 2) the following (*Emphasis Added*):

**The satellite on-board processor 42 participates in the DNS activity, and DNS server software is thus incorporated on the satellite 40.** The DNS server 44 on the satellite 40 may be considered as a leaf node in the DNS hierarchy, and operates to respond to many of the DNS queries from the UT 10 users. If the DNS server 44 does not have the IP address of a requested URL, then it obtains the address from another DNS server in the DNS hierarchy. The next node in the DNS hierarchy may be the gateway 40, if the gateway 40 also includes a DNS server 58A. If the optional DNS server 58A of the gateway 40 does not have the required IP address, or if the gateway 40 does not incorporate the DNS server, the gateway 40 forwards the DNS query to the next node in the DNS hierarchy, typically a DNS server node 74 in the Internet 70.

As evident from the above passage, the *Wiedeman et al.* system utilizes a satellite that includes a DNS server 44. Therefore, the steps of claim 1 would entail processing the claimed query at the satellite. However, amended claim 1, for example, recites "receiving a query, at a terminal, from a local host requesting address information" and "wherein the satellite is remote from the terminal."

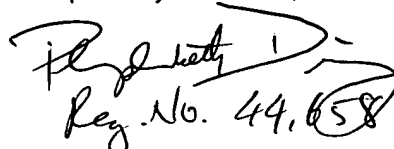
Given the amendment to pending claims, the rejection under 35 U.S.C. § 102 is rendered moot. Applicants respectfully urge the indication that claims 1-3, 5-8, 10-13, 15-18, 20-23 and 25-32 are allowable.

For example, dependent claim 5, 10, 15, 20, 25 and 32 each recites use of a "multicast message" to pre-load the memory. *Wiedeman et al.* makes no mention of the term "multicast," much less in the manner claimed.

With respect to new claims 33 and 34, these dependent claims recite "wherein the local host is a host resolver, and the remote computer system is a name server." Because claims 33 and 34 depend correspondingly from independent claims 1 and 6, there are allowable at least for the reasons explained above for the allowability of claims 1 and 6.

Therefore, the present application, as amended, overcomes the rejection of record and is in condition for allowance. Favorable consideration of this application is respectfully requested. If any unresolved issues remain, it is respectfully requested that the Examiner telephone the undersigned attorney at (301) 601-7252 so that such issues may be resolved as expeditiously as possible. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,



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**AMENDMENT TO THE DRAWINGS**

Please replace FIG. 6 with the attached Replacement Sheet to correct a discovered informality.  
Specifically, the term "Heat Resolver" should be "Host Resolver."